

Converting Colors

Hex(428BC7)

Have a look what the booklet for
Hex(428BC7) contains.

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Color

Hex(428BC7)

Conversions

Conversions Part 1

Format	Color
Hex	428BC7
RGB	66, 139, 199
RGB Percent	26%, 55%, 78%
CMY	0.7412, 0.4549, 0.2196
CMYK	0.67, 0.30, 0.00, 0.22
HSL	207°, 54%, 52%
HSV	207°, 67%, 78%
XYZ	21.7882, 23.7470, 57.4681
YIQ	124.0130, -62.7680, 3.1840

Conversions

Conversions Part 2

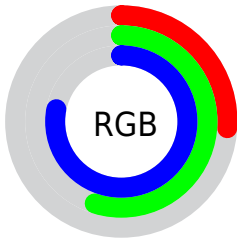
Format	Color
R _Y B	66, 113, 199
Decimal	4361159
CIE Lab	55.83, -3.62, -37.78
CIE LCh	56, 37.951, 264.525
Yxy	23.7470, 0.2115, 0.2305
Android (android.graphics.Color)	4282551239 (0xFF428BC7)
YUV	124.0130, 36.9686, -50.8774
Hunter-Lab	48.7309, -5.4695, -35.8088

Details

The Hex color **428BC7** is a dark color, and the websafe version is hex **6699CC**. The color can be described as middle muted azure. A complement of this color would be **C77E42**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **7FC0FF**, and **005991** is the 20% darker color. If you saturate the color by 10%, you get **2E82C7**, and if you desaturate by 10%, it is **5694C7**.

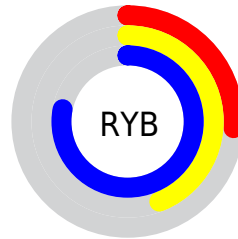
Distribution



Red (26%)

Green (55%)

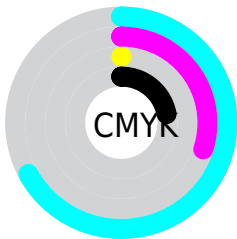
Blue (78%)



Red (26%)

Yellow (44%)

Blue (78%)

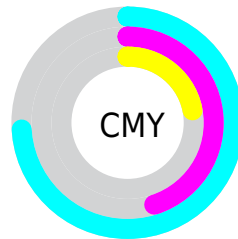


Cyan (67%)

Magenta (30%)

Yellow (0%)

Black (22%)



Cyan (74%)

Magenta (45%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 428BC7 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 428BC7 by changing the saturation by 10% instead.

■ 428BC7

FFFFFF

■ 7FC0FF

■ 9CDCFF

■ BAF9FF

■ D7FFFF

■ F5FFFF

■ 428BC7

■ 1B72AB

■ 005991

■ 004277

■ 002C5E

■ 001946

■ 00042F

■ 000119

■ 000000

■ 428BC7

■ 428BC7

■ 2E82C7

■ 5694C7

■ 1A79C7

■ 6A9DC7

■ 0670C7

■ 7EA6C7

■ 006DC7

■ 92AFC7

■ A6B8C7

■ B9C1C7

■ CDCAC7

■ E1D3C7

■ F5DCC7

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0093BB



428BC7



8080C2

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



428BC7



C46D6C



58935E

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



428BC7



C77E42

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



7F8C48



428BC7



B87651

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



428BC7



C06B8D



9F8243



1D977E

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



428BC7



9D77B5



9F8243



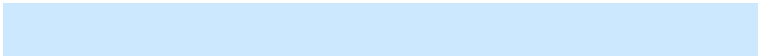
669155

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



428BC7



CCE8FF



42C77E



617280



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



428BC7



33A3FF



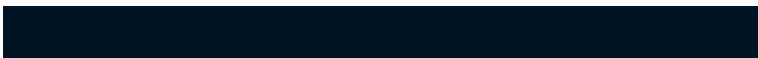
4249C7



5A5F63



005AA3



001424

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



C7428B



FF33A3



C7C042



635A5F



A3005A



240014

Previews

White Background



This preview shows how the Hex color 428BC7 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 428BC7 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

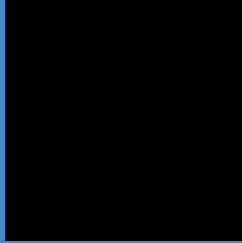
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 428BC7 Background



This preview shows how black text looks on a background with the Hex color 428BC7.

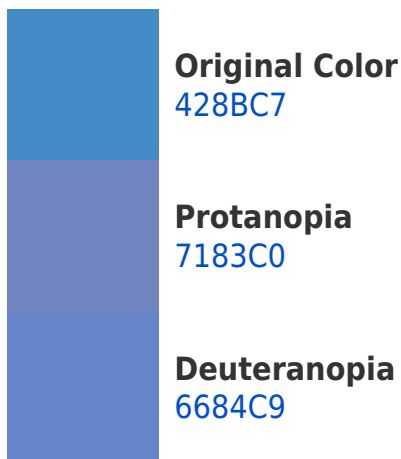


This preview shows how white text looks on a background with the Hex color 428BC7.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

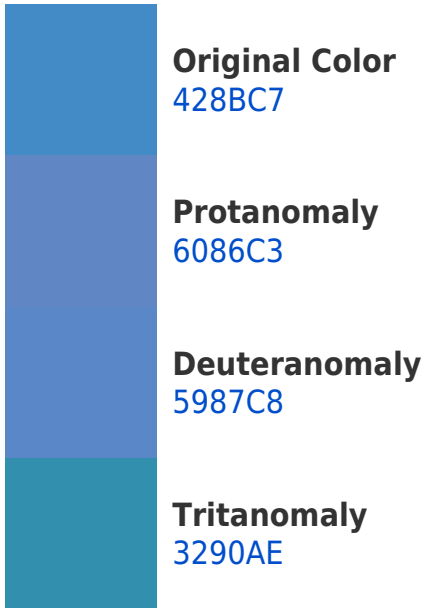
Dichromacy



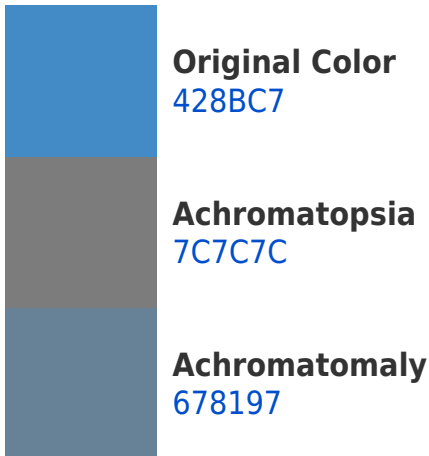


Tritanopia
29939F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 428BC7 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #428BC7 looks like.

```
.text, #text, p{  
    color:#428BC7  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #428BC7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #428BC7  
}
```

Border

The CSS property to change the border of an element to Hex 428BC7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#428BC7 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#428BC7 }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #428BC7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #428BC7; -webkit-box-shadow:4px 4px  
4px 4px #428BC7; box-shadow:4px 4px 4px  
4px #428BC7 }
```

Background

The CSS property to change the background color of an element to Hex 428BC7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#428BC7 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#428BC7 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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